

ROUTING AND RECORD SHEET

SUBJECT: (Optional) Proposed Contract with [redacted] for Modification and Alignment of the Stages of an [redacted] Fiber Optics Viewer (Stereo Comparator) at [redacted]

FROM: Chief, TSSG/NPIC
Room 6N 215

EXTENSION

NO. NPIC/TSSG/DED-1731-69

DATE

TO: (Officer designation, room number, and building)

DATE

RECEIVED

FORWARDED

OFFICER'S INITIALS

COMMENTS (Number each comment to show from whom to whom. Draw a line across column after each comment.)

1. NPIC/TSSG/Ch 6N 215	7/29/69	7/29/69	fmc	Review & Signature
2. NPIC/IEG/Ch 3S 720		8/4/69	ST	Review & Signature
3. NPIC/PPBS 6N 222				Review
4. Executive Director/NPIC 6N 212				Review
5. Deputy Director/NPIC 6N 212				Review
6. Director, NPIC 6N 212				Review & Approval
7.				
8.				
9. NPIC/TSSG/SC&PS				After approval (for action)
10.				
11.				
12.				
13.				
14.				
15.				

Declass Review by NGA.

SECRET

NPIC/TSSG/DED-1731-69

29 JUL 1969

MEMORANDUM FOR: Director, National Photographic Interpretation Center

SUBJECT : Proposed Contract with [] for
Modification and Alignment of the Stages of an []
[] Fiber-Optics Viewer (Stereo Comparator) at a
[]

1. This memorandum requests approval for the commitment of funds for a contract. The specific request is stated in Paragraph 7.

2. During FY-67, several Fiber-Optics Viewers were procured from []
[] These instruments were designed for the stereo
viewing of roll film. Subsequently one of the viewers, presently in IEG, was
modified so that the instrument would be capable of measuring information
found on imagery. Peripheral digitizing equipment was added to provide an
on-line capability to the central computer and to allow visual readout of the
X and Y distances measured. However, since it was originally designed for
viewing and not mensuration, the instrument had not been assembled and aligned
in such a manner as to allow measurements to the precision desired.

3. The proposed project will determine the extent of modifications needed
on the Fiber-Optics Viewer, indicate the measuring accuracy to be expected,
and mechanically align the instrument so as to attain the expected accuracy.
Completion of the project will provide IEG with a required additional capa-
bility for the mensuration of exploitation imagery. The total time anticipated
for completion of the work is 2 months from the contract date. There is very
little technical risk involved in this project.

4. [] was the original designer and builder of
the Fiber-Optics Viewers. In response to our request, the company submitted a
technical and cost proposal which appears satisfactory to the Development and
Engineering Division. Cost for the project has been estimated to be []
[] expects that any necessary support from Center personnel and
shop facilities will be provided. The estimate does not include costs for any
major repairs or component replacement determined to be necessary during per-
formance of the contract. [] will provide appropriate estimates
if repair or replacement is found necessary. The Contracting Officer will be
requested to negotiate this contract in two phases. Phase I will determine the
extent of modifications required, general condition of the instrument, and
determine the measuring accuracy to be expected after reconditioning and
mechanical alignment. Cost of this phase is estimated to be [] Phase II
will modify and mechanically align the viewer. Cost of this phase is estimated
to be [] Work on Phase II will proceed only if the expected mensuration
accuracy for the instrument, determined during Phase I, is satisfactory to IEG.

GROUP 1
Excluded from automatic
downgrading and
declassification

SECRET

SUBJECT: Proposed Contract with [redacted] for Modification
and Alignment of the Stages of an [redacted] Fiber-Optics Viewer
(Stereo Comparator) at a [redacted]

25X
25X
25X

5. The proposed project is in response to the stated need by IEG for gaining additional mensuration capability by means of a digitized Fiber Optics Viewer.

6. The Agency association with this project is classified Confidential but the work and title will be Unclassified. The Project Officer will assign classifications to the reports.

25X

7. It is requested that approval be granted to negotiate with [redacted]

[redacted] for a contract to conduct the program described at a cost not to exceed [redacted]

X1
X1

[redacted]
Chief, Technical Services & Support Group,
NPIC

25X

CONCUR:

[redacted]
Chief, Imagery Exploitation Group,
NPIC

4 Aug 69
Date

APPROVAL:

[redacted]
Captain, USN
Acting Director, NPIC

Date

Distribution:

- Orig - NPIC/TSSG/C&PS (After approval)
- 1 - NPIC/ODir
- 1 - NPIC/IEG
- 1 - NPIC/TSSG
- 1 - NPIC/TSSG/DED

NPIC/TSSG/SSD -
1731-64

Memorandum for:

Subject: *at a cost of*



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1.

2.

3. The proposed project will determine the extent of modifications needed on the film - Optics thinner, indicate the measuring accuracy to be expected from the present instrument, and submit recommendations and estimated costs for modifying the instrument to provide a measurement capability with an accuracy of 2.5 micrometers plus 0.005 percent

of the distance traveled. Completion

of the project will determine the feasibility of proceeding with a subsequent contract to modify and mechanically align the instrument. The total time anticipated for completion of the work is two months from the contract date. There is no technical risk involved in this project.

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4.

was the original designer and builder of the film-optic's Viewers. In response to our request, the company submitted a technical and cost proposal which appears satisfactory to the ^{Research} ~~Development~~

and Engineering Division. Cost for the project has been quoted to

expects that support will be available from Center personnel and shop equipment when and if necessary to expedite work on the contract. Such support will in all probability be very limited.

3. The proposed project is in response to the stated need by ICG for gaining additional measurement capability by means of a digitized film-optics viewer. If the project indicates the feasibility of attaining the necessary measurement accuracy,

~~from this instrument~~ a follow-on contract will be required to matify and mechanically align the instrument. Cost of the follow-on work will depend on the magnitude of the modifications found necessary by this initial project.

6.

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7.



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Ch, TESS
HPIC

Contract:

Approval:

Sat.

REQUEST TO PROCUREMENT DIVISION FOR SERVICES

(other than property or building maintenance and repairs)

OFFICE/DIV/BR NPIC/TSSG/DED	REQUEST NO. 6030	DATE OF REQUEST 29 July 1969	I CERTIFY AMOUNT OF <input type="text"/> ESTIMATED AVAILABLE. <input type="text"/> ARE CHARGE TO FAN
PROJECT TITLE Fiber Optic Viewer		SIGNATURE OF BUDGET OFFICER DATE	
CONTRACTOR (if known)		PROPOSAL NO. AND DATE SC-1913, 16 June 1969	CONTRACT & TASK ORDER NO. (if known)

TYPE OF SERVICE REQUESTED		APPLICABLE ONLY TO REPAIRS AND MODIFICATIONS		
<input type="checkbox"/> RESEARCH/DEV	TRANSFER OF FUNDS TO OTHER GOVT. AGENCY (specify if applicable)	TECHNICAL INSPECTION IS REQUIRED BY		
<input type="checkbox"/> GRANT		<input type="checkbox"/> RECEIVING DEPOT T & I <input checked="" type="checkbox"/> TECHNICAL MONITOR		
<input type="checkbox"/> REPAIR		<input type="checkbox"/> ITEMS TO BE PICKED UP OR <input checked="" type="checkbox"/> SERVICES PERFORMED AT: NPIC		
<input type="checkbox"/> MAINTENANCE		ITEMS TO BE REDELIVERED TO:		
<input checked="" type="checkbox"/> MODIFICATION				
STERILITY	CONTRACT CLASSIFICATION Confidential	WORK CLASSIFICATION Unclassified	HARDWARE CLASSIFICATION Unclassified	REPORTS CLASSIFICATION Unclassified

SHORT SUBSTANTIVE TITLE AND/OR DESCRIPTION OF SERVICE TO BE PERFORMED

Inspection and X-Y Alignment of Fiber Optic Viewer Model 552A-104.

Two phase contract to improve measuring capability of a Fiber Optic Viewer. Phase 1 is to determine the modification and work required to bring the measuring capability of the instrument up to an acceptable standard. Phase 2 is to align, cleanup, adjust, and checkout the measuring capability.

0370199

(See reverse for specific information required on R&D requests.)

APPROVAL			
DESIGNATION	SIGNATURE		DATE
APPROVAL ONLY - THIS REQUEST MUST BE PROCURED BY THE PROCUREMENT DIVISION USE ONLY - DO NOT SIGN BELOW THIS LINE			
DATE RECEIVED IN PDG TO	RECORDED BY	SECTION ASSIGNED TO	NEGOTIATOR

1. JUSTIFICATION FOR SOURCE SELECTION

[redacted] is the manufacturer of the Model 552 Fiber Optic Viewer and has successfully performed this type of work on a similar type viewer.

2. PROPOS

[redacted] has submitted a proposal to accomplish this work.

3. DELIVERABLE ITEMS

REPORTS REQUIRED 5 NO. OF COPIES ☒ MONTHLY ☐ INTERIM ☐ QUARTERLY ☒ FINAL

HARDWARE (state type and number) None

OTHER Modification and alignment of an existing instrument.

4. GFE REQUIRED

The work will be performed at NPIC on Model 552A-104.

5. SPECIAL INSTRUCTIONS

Acceptance tests will be performed by the technical representative at the completion of the work to insure that the instrument meets the measuring accuracy desired.